

09811231 CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 09811231 on August 20, 2001

Original Classifications

7 704/275
5 704/257
3 704/235
3 704/251
3 704/260
3 704/270
2 704/1
2 704/256
2 704/270.1
2 704/9

Cross-Reference Classifications

10 704/251
10 704/257
7 704/275
5 704/270
5 704/9
4 704/231
3 704/2
3 704/255
2 379/88.16
2 379/88.18
2 382/187
2 434/156
2 434/185
2 434/307R
2 455/563
2 704/235
2 704/240
2 704/256
2 704/258
2 704/276
2 704/277
2 706/11
2 707/4
2 707/5

Combined Classifications

15 704/257
14 704/275
13 704/251
8 704/270
7 704/9

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5 704/231
5 704/235
4 704/256
4 704/260
3 704/1
3 704/2
3 704/255
3 704/270.1
3 706/11
3 707/4
2 379/88.16
2 379/88.18
2 382/187
2 434/156.
2 434/157
2 434/185
2 434/307R
2 455/563
2 704/10
2 704/240
2 704/244
2 704/258
2 704/276
2 704/277
2 707/3
2 707/5

09811231_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09811231 on August 20, 2001

15	704/257	(5 OR, 10 XR)
	Class 704 :	DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
		COMPRESSION/DECOMPRESSION
	704/200	SPEECH SIGNAL PROCESSING
	704/231	.Recognition
	704/251	..Word recognition
	704/255	...Specialized models
	704/257Natural language
14	704/275	(7 OR, 7 XR)
	Class 704 :	DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
		COMPRESSION/DECOMPRESSION
	704/200	SPEECH SIGNAL PROCESSING
	704/270	.Application
	704/275	..Speech controlled system
13	704/251	(3 OR, 10 XR)
	Class 704 :	DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
		COMPRESSION/DECOMPRESSION
	704/200	SPEECH SIGNAL PROCESSING
	704/231	.Recognition
	704/251	..Word recognition
8	704/270	(3 OR, 5 XR)
	Class 704 :	DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
		COMPRESSION/DECOMPRESSION
	704/200	SPEECH SIGNAL PROCESSING
	704/270	.Application
7	704/9	(2 OR, 5 XR)
	Class 704 :	DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
		COMPRESSION/DECOMPRESSION
	704/1	LINGUISTICS

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704/9 .Natural language

5 704/231 (1 OR, 4 XR)
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/231 .Recognition

5 704/235 (3 OR, 2 XR)
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/231 .Recognition

704/235 ..Speech to image

4 704/256 (2 OR, 2 XR)
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/231 .Recognition

704/251 ..Word recognition

704/255 ...Specialized models

704/256Markov

4 704/260 (3 OR, 1 XR)
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/258 .Synthesis

704/260 ..Image to speech

3 704/1 (2 OR, 1 XR)
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/1 LINGUISTICS

3 704/2 (0 OR, 3 XR)
 Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,

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LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

704/1 COMPRESSION/DECOMPRESSION
 LINGUISTICS
704/2 .Translation machine

3 704/255 (0 OR, 3 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

 COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/231 .Recognition
704/251 ..Word recognition
704/255 ...Specialized models

3 704/270.1 (2 OR, 1 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
 LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

 COMPRESSION/DECOMPRESSION
704/200 SPEECH SIGNAL PROCESSING
704/270 .Application
704/270.1 ..Speech assisted network

3 706/11 (1 OR, 2 XR)
Class 706 : DATA PROCESSING: ARTIFICIAL INTELLIGENCE
706/11 HAVING PARTICULAR USER INTERFACE

3 707/4 (1 OR, 2 XR)
Class 707 : DATA PROCESSING: DATABASE AND FILE
 MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P
PROCESSING
707/1 DATABASE OR FILE ACCESSING
707/3 .Query processing (i.e., searching)
707/4 ..Query formulation, input preparation, or
 translation

2 379/88.16 (0 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS

379/88.16 .Voice message synthesis

2 379/88.18 (0 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS

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379/88.18 .Interacting voice message systems

2 382/187 (0 OR, 2 XR)
Class 382 : IMAGE ANALYSIS
382/181 PATTERN RECOGNITION
382/187 .On-line recognition of handwritten characters

2 434/156 (0 OR, 2 XR)
Class 434 : EDUCATION AND DEMONSTRATION
434/156 LANGUAGE

2 434/157 (1 OR, 1 XR)
Class 434 : EDUCATION AND DEMONSTRATION
434/156 LANGUAGE
434/157 .Foreign

2 434/185 (0 OR, 2 XR)
Class 434 : EDUCATION AND DEMONSTRATION
434/156 LANGUAGE
434/185 .Speech

2 434/307R (0 OR, 2 XR)
Class 434 : EDUCATION AND DEMONSTRATION
434/307R CATHODE RAY SCREEN DISPLAY AND AUDIO MEANS

2 455/563 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCIVER)
455/550 .Radiotelephone equipment detail
455/563 ..Having voice recognition or synthesization

2 704/10 (1 OR, 1 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION
704/1 LINGUISTICS
704/10 .Dictionary building, modification, or
prioritization

2 704/240 (0 OR, 2 XR)
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

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704/200 SPEECH SIGNAL PROCESSING

704/231 .Recognition

704/236 ..Specialized equations or comparisons

704/240 ...Probability

2 704/244 (1 OR, 1 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/231 .Recognition

704/243 ..Creating patterns for matching

704/244 ...Update patterns

2 704/258 (0 OR, 2 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/258 .Synthesis

2 704/276 (0 OR, 2 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/270 .Application

704/276 ..Pattern display

2 704/277 (0 OR, 2 XR)

Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO

COMPRESSION/DECOMPRESSION

704/200 SPEECH SIGNAL PROCESSING

704/270 .Application

704/277 ..Translation

2 707/3 (1 OR, 1 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P

ROCESSING

707/1 DATABASE OR FILE ACCESSING

707/3 .Query processing (i.e., searching)

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2 707/5

(0 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT, DATA STRUCTURES, OR DOCUMENT P

ROCESSING

707/1

DATABASE OR FILE ACCESSING

707/3

.Query processing (i.e., searching)

707/5

..Query augmenting and refining (e.g., inexact
access)